GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:2637
ANSWERED ON:18.08.2006
NEW ENGINE FOR SARAS
Tripathy Shri Braja Kishore

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the Government proposes new engine propeller combination in SARAS PT-2 version;

(b) if so, the details thereof;

(c) the details of the progress so far made in the said project; and

(d) the time by which induction of SARAS PT-2 is likely to be finalized ?

Answer

MINISTER OF SCIENCE AND TECHNOLOGY AND MINISTER OF EARTH SCIENCES (KAPIL SIBAL)

(a)&(b) Yes Sir. The SARAS Prototype (PT) -2 version aircraft will be powered by two Pratt & Whitney

(Canada), PT6A-67A engines of 1200 shaft horsepower (SHP) and 1700 Revolutions per Minute (RPM). These engines will drive two 2.65 m diameter, five bladed pusher propellers.

(c) The first prototype SARAS PT-1 has so far done about 60 flight tests successfully. The SARAS Prototype (PT)-2 version aircraft is undergoing combination endurance tests under which 200 hrs of testing has been completed at National Aerospace Laboratories.

(d) The Type Certification for the SARAS aircraft is expected to be obtained from the Directorate General of Civil Aviation (DGCA) by December, 2009 and the aircraft will be ready for the induction immediately thereafter.